

A complete listing of all claims in this application is set forth below.

In the Claims

Please amend claims 1, 3, and 5-8 as set forth below. Please cancel claims 2, 4, and 9-18.

1. (Currently amended) A diagnostic method for performing diagnostics in a modular document reproduction system adapted to receive modular components comprising:

a) ~~graphically displaying a hierarchical representation of a modular document reproduction system, the graphical display of the hierarchical representation including system components and modular add-on components~~ modules of the modular document reproduction system;

b) ~~detecting all of the modular components~~ modules coupled to the modular document reproduction system;

updating the graphical display of the hierarchical representation of the modular document reproduction system to include detected modules;

sending a request for status to a module presented in the updated graphical display;

e) ~~dynamically requesting and receiving the electrical control topology and fault status for of each coupled modular component~~ of the module identified in the request for status; and

d) ~~dynamically integrating the electrical control topology and fault status of for each coupled modular component~~ of the module corresponding to the request

into the graphical display of the hierarchical representation of the modular document reproduction system-a).

Claim 2 (canceled).

3. (Currently amended) The method of Claim 1, wherein a fault condition in a component of a the module corresponding to the request for status is displayed ~~indicated~~ in the highest hierarchical level pertaining to the module.

Claim 4 (canceled).

5. (Currently amended) The method of Claim 1, wherein a lower level component of the module corresponding to the request for status is displayed by activating a pointer on the immediately higher level component.

6. (Currently amended) The method of Claim 1, further comprising:
maintaining a count of each time the fault status of a component in
a module changes; and
displaying said count in the graphical display of the hierarchical representation of the modular document reproduction system.

7. (Currently amended) The method of Claim [[1]] 6, further comprising:

~~automatically performing c) and d)~~ sending a request for status to a module presented in the updated graphical display of the hierarchical representation of the modular document reproduction system at predefined intervals.

8. (Currently amended) The method of Claim [[1]] 3, wherein a fault condition in a component of a module is indicated by color-coded indicia in the highest hierarchical level pertaining to the module, and the color-coded indicia in the highest hierarchical level is different than color-coded indicia used in a lower hierarchical level to indicate the fault condition in the component.

Claims 9-18 (canceled).